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**BEFORE THE PUBLIC UTILITIES COMMISSION  
OF THE STATE OF CALIFORNIA**

Application of Pacific Gas and Electric Company for  
Recovery of Costs to Implement Electric Rule 24  
Direct Participation Demand Response (U39E).

And Related Matters

Application 14-06-001  
(Filed June 2, 2014)

Application 14-06-002  
Application 14-06-003

**SAN DIEGO GAS & ELECTRIC COMPANY'S (U 902 E) QUARTERLY REPORT  
REGARDING THE STATUS OF THIRD PARTY DEMAND RESPONSE DIRECT  
PARTICIPATION IN COMPLIANCE WITH DECISION 15-03-042 AND  
RESOLUTION E-4868**

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Attorney for  
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December 23, 2020

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RESOLUTION E-4868**

Pursuant to the Rules of Practice and Procedure of the California Public Utilities Commission, and in compliance with Ordering Paragraph 1 of Decision 15-03-042 and Ordering Paragraph 21 of Resolution E-4868, San Diego Gas & Electric Company (“SDG&E”) hereby submits for filing its Quarterly Report regarding the status of third party demand response direct participation for the 4<sup>th</sup> quarter of 2020 (October 1, 2020 through December 17, 2020). SDG&E’s report is attached hereto as **Appendix A**.

Respectfully submitted,

/s/ Roger A. Cerda

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# APPENDIX A

# Rule 32 Direct Participation Reporting Template

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**Reporting Utility**      SAN DIEGO GAS AND ELECTRIC (SDG&E)

**Reporting Quarter**    FOURTH QUARTER 2020

**Utility Implementation Status:**

SDG&E has nothing new to report.

## Rule 32 Direct Participation Reporting Template

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**CAISO System Status:**

SDG&E has nothing new to report.

## Rule 32 Direct Participation Reporting Template

### Market Participation<sup>1</sup> (As of December 17, 2020)

Number of Registered Demand Response Providers (DRPs) at Commission	11
Number of DRPs with Active CAISO Registrations	4
Number of Approved Locations <sup>2</sup>	31,036
Number of Approved Residential Locations	30,817
Number of Approved Community Choice Aggregators (CCA)/Direct Access (DA) Locations	85
Number of Approved Locations in DRAM	31,036
Number of Locations Removed from Reporting Utility's DR Programs <sup>3</sup>	2,733
Remaining Rule 24/32 CAISO Locations	-1,036 <sup>4</sup>

### Utility Processing (As of December 17, 2020)

	Month 1 of Quarter	Month 2 of Quarter	Month 3 of Quarter
Number of CISR-DRPs Forms Received	4	14	6
Number of Service Accounts Received <sup>5</sup>	25	14	6
Number of CISR-DRPs Forms Rejected	0	1	1
Number of CISR-DRPs Forms Processed	11	6	14
Average CISR-DRP Form Processing Time <sup>6</sup>	1.74	1.14	1
Number of Online Authorizations Processed	437	345	275
Number of Online Service Accounts Processed	459	348	275
Number of CAISO Locations Reviewed	327	306	212
Average Location Processing Time <sup>7</sup>	1	1	1.5

### Click-Through Expenditures

	OAuth Solution 3 (As of 1 month prior to the end of Reporting Quarter)							
	2017	2018	2019	2020				
	Total 2017 Costs	Total 2018 Costs	Total 2019 Costs	Q1	Q2	Q3	Q4 <sup>8</sup>	Total Spent
Expenditures	\$153,345	\$1,898,408	\$40,996	\$0	\$40,655	\$34,427	\$20,888	\$2,188,719

<sup>1</sup> The reported statistics applies to the customers within SDG&E's service territory.

<sup>2</sup> Locations is the terminology used in the CAISO system for accounts.

<sup>3</sup> This value was calculated by using the difference between the number of Rule 32 participants enrolled in DR programs in the 1st quarter of 2016 to the number of participants enrolled in DR programs in the 4<sup>th</sup> quarter of 2020.

<sup>4</sup> The -1,036 figure indicates that SDG&E has approved more CAISO locations than the 30,000 locations for the Beyond Intermediate Implementation step (30,000 – 31,036 approved locations).

<sup>5</sup> A single form may contain more than one service account.

<sup>6</sup> Average CISR-DRP Form Processing Time represents calendar days.

<sup>7</sup> Average Location Processing Time represents business days.

<sup>8</sup> Q4 total represents expenditures through November 2020.

# Rule 32 Direct Participation Reporting Template

Click-Through Performance and Data Delivery Metrics<sup>9</sup> (As of December 17, 2020)

OAuth Solution 3 Performance Metrics	Month 1 of Quarter	Month 2 of Quarter	Month 3 of Quarter
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**Metrics Tracked on a Per User Basis, but reported in the aggregate:**

Start Page	Authentication	1.3K	1.1k	848
Start Page	Authorization	551	389	325
Order of Pages Viewed	Authentication - Authorization	651	448	381
Order of Pages Viewed	Authorization	551	389	325
Time on Each Page (sec)	Authentication	70	63	71
Time on Each Page (sec)	Authorization	93	73	80
Time on Each Page (sec)	Alternative Authentication	83	43	65
Time on Each Page (sec)	Alternative Authorization	74	72	87
Last Page Viewed	Authentication	617	619	467
Last Page Viewed	Authorization	351	241	235
Last Page Viewed	Alternative Authentication	8	11	17
Last Page Viewed	Alternative Authorization	3	6	1
Authorizations Completed	Number of Authorizations	202	149	91
<b>Response time per page (30 days)</b>				
Mean Response Time (sec)	Average page response times for the last 30 days rolling - Authentication	0.05	0.04	0.06
Mean Response Time (sec)	Average page response times for the last 30 days rolling - Authorization	2.22	2.25	2.15

**Time Spent Between First Step & Last Step, reported in the aggregate**

Mean Time Spent (sec)	All Paths	121	87	100
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**Number of Views Per Page**

Views Per Page	Authentication	2,053	1,668	1,332
Views Per Page	Authorization	1,003	648	482
Views Per Page	Alternative Authentication	105	53	68
Views Per Page	Alternative Authorization	55	44	33

<sup>9</sup> SDG&E's Attachment A under approved Advice Letter 3153-E-B (<http://regarchive.sdge.com/tm2/pdf/3153-E-B.pdf>) includes detailed definition and description of the individual metrics reported below.

## Rule 32 Direct Participation Reporting Template

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OAuth Solution 3 Data Delivery Metrics	Month 1 of Quarter	Month 2 of Quarter	Month 3 of Quarter
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### Aggregate metrics for total synchronous API requests – Customer Account Overview Service For DRP

Number of total requests	3 <sup>rd</sup> Party requests for usage data	1,515	790	352
Mean response time – milli-Seconds	Average response time of API requests	492	650	434
Median response time – milli-seconds	50 <sup>th</sup> percentile response time of API requests	436	589	333
Count of responses greater than 90-seconds	Total number of responses greater than 90-seconds.	0	0	0
Percentage of responses greater than 90-seconds	Percentage of responses greater than 90-seconds	0	0	0

### Aggregate metrics for total synchronous API requests – LOA Search Service

Number of total requests	3 <sup>rd</sup> Party requests for usage data	1,519	854	363
Mean response time – milli-seconds	Average response time of API requests	199	240	292
Median response time – milli-seconds	50 <sup>th</sup> percentile response time of API requests	235	247	257
Count of responses greater than 90-seconds	Total number of responses greater than 90-seconds.	0	0	0
Percentage of responses greater than 90-seconds	Percentage of responses greater than 90-seconds	0	0	0

### Aggregate metrics for total synchronous API requests – R32 Token

Number of total requests	3 <sup>rd</sup> Party requests for usage data	0	0	0
Mean response time – milli-seconds	Average response time of API requests	0	0	0
Median response time – milli-seconds	50 <sup>th</sup> percentile response time of API requests	0	0	0
Count of responses greater than 90-seconds	Total number of responses greater than 90-seconds.	0	0	0
Percentage of responses greater than 90-seconds	Percentage of responses greater than 90-seconds	0	0	0



## Rule 32 Direct Participation Reporting Template

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### Aggregate metrics for total synchronous API requests – Energy Usage Service

Number of total requests	3 <sup>rd</sup> Party requests for usage data	9,960	9,963	4,379
Mean response time – milli-seconds	Average response time of API requests	149	204	167
Median response time – milli-seconds	50 <sup>th</sup> percentile response time of API requests	129	137	132
Count of responses greater than 90-seconds	Total number of responses greater than 90-seconds.	0	0	0
Percentage of responses greater than 90-seconds	Percentage of responses greater than 90-seconds	0	0	0

### Aggregate metrics for total synchronous API requests – Get Program Participation by Customer Account

Number of total requests	3 <sup>rd</sup> Party requests for usage data	5	0	2
Mean response time (milliseconds)	Average response time of API requests	257	0	359
Median response time (milliseconds)	50 <sup>th</sup> percentile response time of API requests	157	0	359
Count of responses greater than 90-seconds	Total number of responses greater than 90-seconds.	0	0	0
Percentage of responses greater than 90-seconds	Percentage of responses greater than 90-seconds	0	0	0

### Aggregate metrics for total synchronous API requests – Get Customer Bill

Number of total requests	3 <sup>rd</sup> Party requests for usage data	9,969	9,981	9,966
Mean response time (milliseconds)	Average response time of API requests	116	115	142
Median response time (milliseconds)	50 <sup>th</sup> percentile response time of API requests	138	136	139
Count of responses greater than 90-seconds	Total number of responses greater than 90-seconds.	0	0	0
Percentage of responses greater than 90-seconds	Percentage of responses greater than 90-seconds	0	0	0

## Rule 32 Direct Participation Reporting Template

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### Aggregate metrics for total synchronous API requests – Get CAISO And Static Data

Number of total requests	3 <sup>rd</sup> Party requests for usage data	0	0	0
Mean response time (milliseconds)	Average response time of API requests	0	0	0
Median response time (milliseconds)	50 <sup>th</sup> percentile response time of API requests	0	0	0
Count of responses greater than 90-seconds	Total number of responses greater than 90-seconds.	0	0	0
Percentage of responses greater than 90-seconds	Percentage of responses greater than 90-seconds	0	0	0

Rule 32 Data Delivery Exception Handling Report		Month 1 of Quarter	Month 2 of Quarter	Month 3 of Quarter
Number of tickets created	Total new tickets created in the month	3	2	5
Number of tickets completed	Total tickets closed in the month	1	4	2
Number of tickets still open	Total open tickets in the month	2	0	3
Average days to provide resolution <sup>10</sup>	May include those days waiting for further information from the reporting DRP	7	28.5	7.5

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<sup>10</sup> The average days is calculated by finding the elapsed days between the resolution of the tickets to the tickets created in the previous three months. These numbers are in calendar days.